CLAIMS

1. A compound of the following formula:

5 or the pharmaceutically acceptable salts thereof, wherein

 Y^1 , Y^2 , Y^3 and Y^4 are independently selected from N, CH or C(L);

 R^1 is H, $\mathsf{C}_{1\text{--}8}$ alkyl, $\mathsf{C}_{2\text{--}8}$ alkenyl, $\mathsf{C}_{2\text{--}8}$ alkynyl, $\mathsf{C}_{3\text{--}7}$ cycloalkyl, $\mathsf{C}_{1\text{--}8}$ alkoxy, halosubstituted C_{1-8} alkoxy, C_{1-8} alkyl-S(O)m-, Q^1 -, pyrrolidinyl, piperidyl, oxopyrrolidinyl, oxopiperidyl, amino, mono- or di-(C₁₋₈ alkyl)amino, C₁₋₄alkyl- $C(=O)-N(R^3)$ - or C_{1-4} alkyl-S(O)m- $N(R^3)$ -, wherein said C_{1-8} alkyl, C_{2-8} alkenyl and 10 C_{2-8} alkynyl are optionally substituted with halo, C_{1-3} alkyl, hydroxy, oxo, C_{1-4} alkoxy-, C₁₋₄ alkyl-S(O)m-, C₃₋₇ cycloalkyl-, cyano, indanyl, tetrahydronaphtyl, 1,2-dihydronaphtyl, pyrrolidinyl, piperidyl, oxopyrrolidinyl, oxopiperidyl, Q¹-, Q¹-C(=O)-, Q¹-O-, Q¹-S(O)m-, Q¹-C₁₋₄alkyl-O-, Q¹-C₁₋₄alkyl- $S(O)m-,\,Q^1-C_{1-4}alkyl-C(O)-N(R^3)-,\,Q^1-C_{1-4}alkyl-N(R^3)-\ or\ C_{1-4}alkyl-C(O)-N(R^3)-;$ 15 Q¹ is a 5-12 membered monocyclic or bicyclic aromatic ring optionally containing up to 4 heteroatoms selected from O, N and S, and is optionally substituted with halo, C₁₋ 4 alkyl, halo-substituted C_{1-4} alkyl, hydroxy, C_{1-4} alkoxy, halo-substituted C_{1-4} alkoxy, C₁₋₄ alkylthio, nitro, amino, mono- or di-(C₁₋₄alkyl)amino, cyano, HO-C₁₋₄ 20 alkyl, C₁₋₄ alkoxy-C₁₋₄alkyl, C₁₋₄ alkylsulfonyl, aminosulfonyl, C₁₋₄alkylC(=O)-, $\label{eq:hoose} {\rm HO(O=)C-,\ C_{1-4}alkyl-O(O=)C-,\ R^3N(R^4)C(=O)-,\ C_{1-4}\ alkylsulfonylamino,\ C_{3-7}}$ cycloalkyl, $R^3C(=0)N(R^4)$ - or $NH_2(HN=)C$ -:

A is a 5-6 membered monocyclic aromatic ring optionally containing up to 3

heteroatoms selected from O, N and S, wherein said 5-6 membered monocyclic aromatic ring is optionally substituted with up to 3 substituents selected from halo, C_{1-4} alkyl, halo-substituted C_{1-4} alkyl, hydroxy, C_{1-4} alkoxy, halo-substituted C_{1-4} alkoxy, C_{1-4} alkylthio, nitro, amino, mono- or di- $(C_{1-4}$ alkyl)amino, cyano, HO- C_{1-4} alkyl, C_{1-4} alkoxy- C_{1-4} alkyl, C_{1-4} alkylsulfonyl, aminosulfonyl, acetyl, $R^3N(R^4)C(=O)$ -, HO(O=)C-, C_{1-4} alkyl-O(O=)C-, C_{1-4} alkylsulfonylamino, C_{3-7} cycloalkyl, $R^3C(=O)N(R^4)$ - and $NH_2(HN=)C$ -;

B is halo-substituted C_{1-6} alkylene, C_{3-7} cycloalkylene, C_{2-6} alkenylene, C_{2-6} alkynylene, $-O-C_{1-5}$ alkylene, C_{1-2} alkylene- $O-C_{1-2}$ alkylene or C_{1-6} alkylene optionally substituted with an oxo group or C_{1-3} alkyl;

W is NH, N-C $_{1\text{--}4}$ alkyl, O, S, N-OR 5 or a covalent bond ; $\label{eq:R2} R^2 \text{ is H, C}_{1\text{--}4} \text{ alkyl, OH or C}_{1\text{--}4} \text{ alkoxy;}$

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Z is a 5-12 membered monocyclic or bicyclic aromatic ring optionally containing up to 3 heteroatoms selected from O, N and S, wherein said 5-12 membered monocyclic or bicyclic aromatic ring is optionally substituted with halo, C_{1-4} alkyl, halo-substituted C_{1-4} alkyl, C_{1-4} alkenyl, C_{1-4} alkynyl, hydroxy, C_{1-4} alkoxy, halo-substituted C_{1-4} alkoxy, C_{1-4} alkylthio, nitro, amino, mono- or di- $(C_{1-4}$ alkyl)amino, cyano, HO- C_{1-4} alkyl, C_{1-4} alkoxy- C_{1-4} alkylsulfonyl, aminosulfonyl, C_{1-4} alkylc(=O)-, R^3C (=O)N(R^4)-, HO(O=)C-, C_{1-4} alkyl-O(O=)C-, C_{1-4} alkylsulfonylamino, C_{3-7} cycloalkyl, NH₂(HN=)C-, Q^2 -S(O)m-, Q^2 -O-, Q^2 -N(R^3)- or Q^2 -;

L is halo, C_{1-4} alkyl, halo-substituted C_{1-4} alkyl, hydroxy, C_{1-4} alkoxy, halo-substituted C_{1-4} alkoxy, C_{1-4} alkylthio, nitro, amino, mono- or di- $(C_{1-4}$ alkyl)amino, cyano, HO- C_{1-4} alkyl, C_{1-4} alkoxy- C_{1-4} alkyl, C_{1-4} alkylsulfonyl, aminosulfonyl, C_{1-4} alkylC(=0)-, HO(O=)C-, C_{1-4} alkyl-O(O=)C-, C_{1-4} alkylsulfonylamino, C_{3-7} cycloalkyl, $R^3C(=0)N(R^4)$ -, $NH_2(HN=)C$ -, $R^3N(R^4)C(=0)$ -, $R^3N(R^4)S(O)m$ -, Q^2 -, Q^2 - Q^2

adjacent) carbon atoms are optionally replaced by oxygen atoms; m is 0, 1 or 2;

 $\ensuremath{R^3}$ and $\ensuremath{R^4}$ are independently selected from H and $\ensuremath{C_{1\text{--}4}}$ alkyl ;

 R^5 is H, $C_{1\text{--}4}$ alkyl, $C_{1\text{--}4}$ alkyl-(O=)C- or $C_{1\text{--}4}$ alkyl-O-(O=)C- ; and

- Q² is a 5-12 membered monocyclic or bicyclic aromatic ring, or a 5-12 membered tricyclic ring optionally containing up to 3 heteroatoms selected from O, N and S, wherein said 5-12 membered monocyclic or bicyclic aromatic ring is optionally substituted with halo, C₁₋₄ alkyl, halo-substituted C₁₋₄ alkyl, C₁₋₄ alkenyl, C₁₋₄ alkenyl, C₁₋₄ alkynyl, hydroxy, C₁₋₄ alkoxy, halo-substituted C1₁₋₄ alkoxy, C₁₋₄ alkylthio, nitro, amino, mono- or di-(C₁₋₄ alkyl)amino, cyano, HO-C₁₋₄ alkyl, C₁₋₄ alkoxy-C₁₋₄alkyl, C₁₋₄ alkylsulfonyl, aminosulfonyl, C₁₋₄alkyl-(O=)C-, R³(R⁴)C(=O)N-, HO(O=)C-, C₁₋₄ alkyl-O(O=)C-, C₁₋₄ alkylsulfonylamino, C₃₋₇ cycloalkyl, C₁₋₄ alkyl-C(=O)NH- or NH₂(HN=)C-.
 - 2. A compound according to Claim 1, wherein
- 15 Y¹, Y², Y³, and Y⁴ are independently selected from N, CH and C(L);

 R¹ is H, C₁₋₈ alkyl, C₂₋₈ alkenyl, C₂₋₈ alkynyl, C₃₋₇ cycloalkyl, C₁₋₈ alkoxy, halosubstituted C₁₋₈ alkoxy, C₁₋₈ alkyl-S(O)m-, Q¹-, pyrrolidinyl, piperidyl, oxopyrrolidinyl, oxopiperidyl, amino, mono- or di-(C₁₋₈ alkyl)amino, C₁₋₄alkyl-C(=O)-N(R³)- or C₁₋₄alkyl-S(O)m-N(R³)-, wherein said C₁₋₈ alkyl, C₂₋₈ alkenyl and C₂₋₈ alkynyl are optionally substituted with halo, C₁₋₃ alkyl, hydroxy, oxo, C₁₋₄ alkoxy-, C₁₋₄ alkyl-S(O)m-, C₃₋₇ cycloalkyl-, cyano, indanyl, 1,2,3,4-tetrahydronaphtyl, 1,2-dihydronaphtyl, pyrrolidinyl, piperidyl, oxopyrrolidinyl, oxopiperidyl, Q¹-, Q¹-C(=O)-, Q¹-O-, Q¹-S(O)m-, Q¹-C₁₋₄ alkyl-O-, Q¹-C₁₋₄ alkyl-S(O)m-, Q¹-C₁₋₄ alkyl-C(=O)-N(R³)-, or C₁₋₄alkyl-C(=O)-N(R³)-;
- Q¹ is a 5-12 membered monocyclic or bicyclic aromatic ring optionally containing up to 4 heteroatoms selected from O, N and S, and is optionally substituted with halo, C_{1-4} alkyl, halo-substituted C_{1-4} alkyl, hydroxy, C_{1-4} alkoxy, halo-substituted C_{1-4}

alkoxy, C_{1-4} alkylthio, nitro, amino, mono- or di-(C_{1-4} alkyl)amino, cyano, HO- C_{1-4} alkyl, C_{1-4} alkoxy- C_{1-4} alkyl- C_{1-4} alkylsulfonyl, aminosulfonyl, C_{1-4} alkyl- C_{1-4} alkyl- C_{1-4} alkyl- C_{1-4} alkyl- C_{1-4} alkylsulfonylamino, C_{1-4} alkylsulfonylamino, C_{1-4} cycloalkyl, C_{1-4} alkyl- C_{1-4} alkylsulfonylamino, C_{1-4} alkylsulfonylamino, C_{1-4} alkylsulfonylamino, C_{1-4} alkylsulfonylamino, C_{1-4} cycloalkyl, C_{1-4} alkylsulfonylamino, C_{1-4} alkylsulfonylamino, C

- A is a 5-6 membered monocyclic aromatic ring optionally containing up to 2 heteroatoms selected from O, N, and S, wherein said 5-6 membered monocyclic aromatic ring is optionally substituted with up to 2 substituents selected from halo, C₁₋₄ alkyl, halo-substituted C₁₋₄ alkyl, hydroxy, C₁₋₄ alkoxy and halo-substituted C₁₋₄ alkoxy;
- 10 B is C_{3-7} cycloalkylene or C_{1-6} alkylene optionally substituted with an oxo group or C_{1-3} alkyl;

W is NH, N-C₁₋₄ alkyl, O or N-OH;

 R^2 is H or C_{1-4} alkyl;

Z is a 5-12 membered monocyclic or bicyclic aromatic ring optionally containing up to 3 heteroatoms selected from, N and S, wherein said 5-12 membered monocyclic or bicyclic aromatic ring is optionally substituted with halo, C₁₋₄ alkyl, halo-substituted C₁₋₄ alkyl, C₁₋₄ alkenyl, hydroxy, C₁₋₄ alkoxy, nitro, amino, cyano, HO-C₁₋₄ alkyl, C₁₋₄ alkylsulfonyl, aminosulfonyl, C₁₋₄ alkylC(=O)-, R³C(=O)N(R⁴)-, HO(O=)C-, C₁₋₄ alkyl-O(O=)C-, C₁₋₄ alkylsulfonylamino, C₁₋₄ alkyl-C(=O)NH-, Q²-S(O)m-,

20 Q^2 -O-, Q^2 -N(R^3)- or Q^2 -;

L is halo, C_{1-4} alkyl, halo-substituted C_{1-4} alkyl, hydroxy, C_{1-4} alkoxy, mono- or di- $(C_{1-4}$ alkyl)amino, halo-substituted C_{1-4} alkoxy, cyano, HO- C_{1-4} alkyl, C_{1-4} alkoxy- C_{1-4} alkyl, C_{1-4} alkylsulfonyl, aminosulfonyl, C_{1-4} alkylC(=O)-, HO(O=)C-, C_{1-4} alkyl-O(O=)C-, C_{1-4} alkylsulfonylamino, C_{3-7} cycloalkyl, R^3 C(=O)N(R^4)-,

R³N(R⁴)C(=O)-, R³N(R⁴)S(O)m-, Q²-, Q²-C(=O)-, Q²-O-, Q²-C₁₋₄alkyl-O-, or two adjacent L groups are optionally joined together to form an alkylene chain having 3 or 4 members in which one or two (non-adjacent) carbon atoms are optionally replaced by oxygen atoms;

m is 0 or 2;

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 ${\rm R}^3$ and ${\rm R}^4$ are independently selected from H and ${\rm C}_{1\text{--}4}$ alkyl; and

 Q^2 is a 5-12 membered monocyclic or bicyclic aromatic ring, or a 8-12 membered tricyclic ring optionally containing up to 3 heteroatoms selected from O, N and S, wherein said 5-12 membered monocyclic or bicyclic aromatic ring is optionally substituted with halo, C_{1-4} alkyl, halo-substituted C_{1-4} alkyl, C_{1-4} alkenyl, C_{1-4} alkenyl, hydroxy, C_{1-4} alkoxy, halo-substituted C_{1-4} alkoxy, C_{1-4} alkylthio, mono- or di- $(C_{1-4}$ alkyl)amino, cyano, HO- C_{1-4} alkyl, C_{1-4} alkoxy- C_{1-4} alkyl, C_{1-4} alkyl- C_{1-

3. A compound according to Claim 2, wherein

Y¹, Y², Y³, and Y⁴ are independently selected from N, CH and C(L);

 R^1 is H, C_{1-8} alkyl, C_{2-8} alkenyl, C_{2-8} alkynyl, C_{3-7} cycloalkyl, Q^1 -, pyrrolidinyl, piperidyl, oxopyrrolidinyl, oxopiperidyl, amino, mono- or di- $(C_{1-8}$ alkyl)amino, wherein said C_{1-8} alkyl is optionally substituted with halo, C^{1-3} alkyl, hydroxy, oxo, C_{1-4} alkoxy-, C_{1-4} alkyl-S(O)m-, C_{3-7} cycloalkyl-, cyano, indanyl, pyrrolidinyl, piperidyl, oxopyrrolidinyl, oxopiperidyl, Q^1 -, Q^1 -C(O)-, Q^1 -O-, Q^1 -S-, Q^1 - C_{1-4} alkyl-O-, or C_{1-4} alkyl-C(O)- $N(R^3)$ -;

 Q^1 is a 5-12 membered monocyclic aromatic ring optionally containing up to 4 heteroatoms selected from N and S, and is optionally substituted with halo, C_{1-4} alkyl, C_{1-4} alkylsulfonyl and C_{1-4} alkylC(=O)-;

A is 5-6 membered monocyclic aromatic ring optionally substituted with halo, C_{1-4} alkyl or C_{1-4} alkoxy;

B is C_{3-7} cycloalkylene or C_{1-6} alkylene optionally substituted with an oxo group or C_{1-3} alkyl;

W is NH, N-C₁₋₄ alkyl, O or N-OH;

 R^2 is H or C_{1-4} alkyl;

Z is 5-12 membered monocyclic or bicyclic aromatic ring optionally containing up to 3 heteroatoms selected from, N and S, wherein said 5-12 membered monocyclic or bicyclic aromatic ring is optionally substituted with halo, C_{1-4} alkyl, halo-substituted C_{1-4} alkyl, C_{1-4} alkenyl, C_{1-4} alkoxy, nitro, amino, cyano, $R^3C(=O)N(R^4)$ -, C_{1-4} alkyl-O(O=)C-, Q^2 -O(O)-, Q^2 -O(O)-, Q

L is halo, C_{1-4} alkyl, halo-substituted C_{1-4} alkyl , hydroxy, C_{1-4} alkoxy, halo-substituted C_{1-4} alkoxy, mono- or di-(C_{1-4} alkyl)amino, cyano, HO- C_{1-4} alkyl, C_{1-4} alkylsulfonyl, aminosulfonyl, C_{1-4} alkylC(=O)-, HO(O=)C-, C_{1-4} alkyl-O(O=)C-, C_{1-4} alkyl-O(O=)C-, C_{1-4} alkyl-O(O=)C-, C_{1-4}

 ${\scriptstyle 4} \quad \text{alkylsulfonylamino,} \quad {\scriptstyle C_{3\text{--}7}} \quad \text{cycloalkyl,} \quad {\scriptstyle R^3C(=O)N(R^4)\text{--},} \quad {\scriptstyle R^3N(R^4)C(=O)\text{--},} \quad {\scriptstyle R^$

R³N(R⁴)S(O)m-, Q²-, Q²-C(=O)-, Q²-O-, Q²-C₁₋₄alkyl-O-, or two adjacent L groups are optionally joined together to form an alkylene chain having 3 or 4 members in which one or two (non-adjacent) carbon atoms are optionally replaced by oxygen atoms;

m is 0 or 2;

15 R^3 and R^4 are independently selected from H and C_{1-4} alkyl; and

Q² is a 5 or 6 membered monocyclic aromatic ring, or a 8-12 membered tricyc lic ring containing up to 3 heteroatoms selected from N and S, wherein said 5 or 6 membered monocyclic aromatic ring is optionally substituted with halo.

- 4. A compound according to Claim 3, wherein
- 20 Y^1 , Y^2 , Y^3 and Y^4 are independently selected from N, CH and C(L);

 R^1 is H, C_{1-8} alkyl, C_{2-8} alkenyl, C_{2-8} alkynyl or C_{3-7} cycloalkyl, wherein said C_{1-8} alkyl is optionally substituted with halo, C_{1-3} alkyl, hydroxy, oxo, C_{1-4} alkoxy-, C_{1-4} alkyl-S(O)m-, C_{3-7} cycloalkyl-, cyano, indanyl, pyrrolidinyl, piperidyl, oxopyrrolidinyl, oxopiperidyl, Q^1 -, Q^1 -C(=O)-, Q^1 -O-, Q^1 -S-, Q^1 -C₁₋₄ alkyl-O-, or C_{1-4} alkyl-C(O)-

25 $N(R^3)$ -;

 Q^1 is a 5 or 6 membered monocyclic aromatic ring optionally containing up to 4 heteroatoms selected from N and S;

A is 5-6 membered monocyclic aromatic ring system optionally substituted with halo or

C₁₋₄ alkyl;

B is or C_{3-7} cycloalkylene or C_{1-6} alkylene optionally substituted with an oxo group or C_{1-3} alkyl;

W is NH, N-C₁₋₄ alkyl, O or N-OH;

5 R^2 is H or C_{1-4} alkyl;

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Z is 5-12 membered monocyclic or bicyclic aromatic ring optionally containing up to 3 heteroatoms selected from N and S, wherein said 5-12 membered monocyclic or bicyclic aromatic ring is optionally substituted with halo, C_{1-4} alkyl, halo-substituted C_{1-4} alkyl, C_{1-4} alkenyl, C_{1-4} alkoxy, nitro, amino, cyano, $R^3C(=O)N(R^4)$ -, C_{1-4}

L is halo, C_{1-4} alkyl, halo-substituted C_{1-4} alkyl , hydroxy, C_{1-4} alkoxy, halo-substituted C_{1-4} alkoxy, cyano, HO- C_{1-4} alkyl, C_{1-4} alkylsulfonyl, aminosulfonyl, C_{1-4} alkylC(=O), HO(O=)C-, C_{1-4} alkyl-O(O=)C-, C_{1-4} alkylsulfonylamino, C_{3-7} cycloalkyl, R^3C (=O)NR⁴-, R^3N (R⁴)C(=O)-, R^3N (R⁴)S(O)m-, Q^2 -, Q^2 -C(=O)-, Q^2 -

O-, Q²-C₁₋₄alkyl-O-, or two adjacent L groups are optionally joined together to form an alkylene chain having 3 or 4 members in which one or two (non-adjacent) carbon atoms are optionally replaced by oxygen atoms; m is 0 or 2;

 ${\rm R}^3$ and ${\rm R}^4$ are independently selected from H and ${\rm C}_{1\text{--}4}$ alkyl; and

alkyl-O(O=)C-, O^2 -S(O)m-, O^2 -O-, O^2 -N(R³)- or O^2 -:

- Q² is 5 or 6 membered monocyclic aromatic ring or a 8-12 membered tricyclic ring optionally containing 1 sulfur atom wherein said 5 or 6 membered monocyclic aromatic ring is optionally substituted with halo.
 - 5. A compound according to Claim 4, wherein $Y^1,\,Y^2,\,Y^3$ and Y^4 are independently selected from N, CH and C(L);
- 25 R^1 is C_{1-5} alkyl or C_{3-7} cycloalkyl, wherein said C_{1-5} alkyl is optionally substituted with C_{1-3} alkyl, hydroxy, oxo, pyrrolidinyl, piperidyl, oxopyrrolidinyl, oxopyrrolidinyl, Q^1 -, or C_{1-4} alkyl-C(O)-N(H)-;

 $Q^{\mbox{\scriptsize 1}}$ is 5-12 membered monocyclic aromatic ring system optionally containing up to 2

heteroatoms selected from N and S.

A is 5-6 membered monocyclic aromatic ring system;

B is C_{1-3} alkylene optionally substituted with C_{1-3} alkyl;

W is NH, N-C₁₋₂ alkyl or O;

5 \mathbb{R}^2 is H:

Z is 5-12 membered monocyclic or bicyclic aromatic ring optionally containing up to 3 heteroatoms selected from N and S, wherein said 5-12 membered monocyclic aromatic ring is optionally substituted with halo, C_{1-4} alkyl, nitro, $R^3C(=0)N(R^4)$ - or Q^2 -;

L is halo, C₁₋₄ alkyl, halo-substituted C₁₋₄ alkyl, hydroxy, C₁₋₄ alkoxy, halo-

substituted C_{1-4} alkoxy, cyano, HO- C_{1-4} alkyl, acetyl, $R^3N(R^4)C(=O)$ -, $R^3N(R^4)S(O)m$ -, Q^2 -, Q^2 -C(=O)-, or two adjacent L groups are joined together to form a methylenedioxy group;

 ${\rm R}^3$ and ${\rm R}^4$ are independently selected from H and ${\rm C}_{1\text{--}4}$ alkyl; and

Q² is 5 or 6 membered monocyclic aromatic ring system.

6. A compound according to Claim 5, wherein

 Y^1 , Y^2 , Y^3 and Y^4 are independently selected from N, CH and C-L;

 R^1 is C_{1-5} alkyl optionally substituted with C_{1-3} alkyl, hydroxy, oxo, 5 or 6 membered monocyclic aromatic ring, wherein said 5 or 6 membered monocyclic aromatic ring is containing 1 or 2 heteroatoms selected from N and S, or C_{1-4} alkyl-C(O)- $N(R^3)$ -;

20 A is phenyl;

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B is C_{1-2} alkylene optionally substituted with methyl;

W is NH, N-CH₃ or O;

 R^2 is H:

Z is 5-10 membered monocyclic or bicyclic aromatic ring optionally containing up to 3
heteroatoms selected from N and S, wherein said 5-10 membered monocyclic aromatic
ring is optionally substituted with chloro, bromo, methyl, nitro, CH₃C(=O)NH-,
tBuC(=O)NH- or phenyl; and

L is chloro, methyl, trifuluoromethyl, hydroxy, methoxy, cyano, acetyl, -C(=O)NH₂,

trifuluoromethyloxy, methanesulfonyl, or 1-hydroxy-1-methyl-ethyl, or two adjacent L groups are joined together to form a methylenedioxy group.

- 7. A compound according to Claim 6, wherein
- Y¹, Y², Y³ and Y⁴ are independently selected from N, CH and C-L;
- R¹ is methyl, ethyl, n-propyl, isopropyl, n-butyl, isobutyl, neopentyl, thiazolylethyl methylamino, dimethylamino, pyrrolidinyl, pyridyl, or 1-acetylamino-1-methylethyl; A is phenyl;

B is ethylene or propylene;

W is NH, N-CH₃ or O;

 $10 R^2$ is H;

Z is phenyl, pyrazolyl, thiazolyl, thiadiazolyl, thienyl, naphthyl or benzothienyl, said phenyl, pyrazolyl, thiazolyl, thiadiazolyl and thienyl being optionally substituted with one to three substituents independently selected from chloro, bromo, methyl, acetylamino, pivaloylamino, nitro and phenyl; and

- L is chloro, methyl, trifuluoromethyl, hydroxy, methoxy, cyano, acetyl, -C(=O)NH₂, trifuluoromethyloxy, methanesulfonyl, or 1-hydroxy-1-methyl-ethyl, or two adjacent L groups are joined together to form a methylenedioxy group.
 - 8. A compound according to Claim 7, wherein $Y^1,\,Y^2,\,Y^3$ and Y^4 are selected from the group consisting of
- 20 a) Y^1 and Y^3 are C(L), Y^2 is CH and Y^4 is N;
 - b) Y^1 is CH, Y^2 and Y^3 are C(L) and Y^4 is N;
 - c) Y^1 , Y^2 and Y^3 are C(L) and Y^4 is N;
 - d) Y^1 and Y^3 are C(L), Y^2 is N and Y^4 is CH;
 - e) Y^1 is C(L) and Y^2 , Y^3 and Y^4 are CH;
- 25 f) Y^1 , Y^3 and Y^4 are CH, and Y^2 is C(L);
 - g) Y^1 , Y^2 and Y^3 are CH, and Y^4 is C(L);
 - h) Y^1 and Y^2 are C(L), and Y^3 and Y^4 are CH;
 - i) Y^1 and Y^3 are C(L), and Y^2 and Y^4 are CH;
 - j) Y^1 and Y^4 are CH, and Y^2 and Y^3 are C(L);

- k) Y^1 and Y^2 are CH, Y^3 is C(L) and Y^4 is N;
- l) Y^1 and Y^3 are CH, Y^2 is C(L) and Y^4 is N;
- m) Y^1 , Y^2 , Y^3 and Y^4 are CH;
- n) Y^1 and Y^2 are C(L), Y^3 is CH and Y^4 is N;
- 5 o) Y^1 , Y^2 and Y^4 are CH, and Y^3 is C(L);
 - p) Y^1 and Y^2 are C(L), Y^3 is N and Y^4 is CH;
 - q) Y^1 and Y^3 are C(L), and Y^2 and Y^4 are N;
 - r) Y^1 is C(L), Y^2 and Y^3 are CH, and Y^4 is N; and
 - s) Y^2 is C(L), Y^1 and Y^3 are CH, and Y^4 is N;
- R¹ is methyl, ethyl, n-propyl, isopropyl, n-butyl, isobutyl, neopentyl, thiazolylethyl methylamino, dimethylamino, pyrrolidinyl, pyridyl, or 1-acetylamino-1-methylethyl; A is phenyl;

B is ethylene or propylene;

W is NH, N-CH₃ or O;

15 R^2 is H;

Z is phenyl, pyrazolyl, thiazolyl, thiadiazolyl, thienyl, naphthyl or benzothienyl, said phenyl, pyrazolyl, thiazolyl, thiadiazolyl and thienyl being optionally substituted with one to three substituents independently selected from chloro, bromo, methyl, acetylamino, pivaloylamino, nitro and phenyl; and

- L is chloro, methyl, trifuluoromethyl, hydroxy, methoxy, cyano, acetyl, -C(=O)NH₂, trifuluoromethyloxy, methanesulfonyl, or 1-hydroxy-1-methyl-ethyl, or two adjacent L groups are joined together to form a methylenedioxy group.
 - 9. A compound according to Claim 8, wherein $Y^1,\,Y^2,\,Y^3$ and Y^4 are selected from the group consisting of
- 25 a) Y^1 and Y^3 are C(L), Y^2 is CH and Y^4 is N;
 - b) Y^1 is CH, Y^2 and Y^3 are C(L) and Y^4 is N;
 - c) Y^1 , Y^2 and Y^3 are C(L) and Y^4 is N;
 - d) Y^1 and Y^3 are C(L), Y^2 is N and Y^4 is CH;
 - e) Y¹ is C(L) and Y², Y³and Y⁴ are CH;

- f) Y^1 , Y^3 and Y^4 are CH, and Y^2 is C(L);
- g) Y^1 , Y^2 and Y^3 are CH, and Y^4 is C(L);
- h) Y^1 and Y^2 are C(L), and Y^3 and Y^4 are CH;
- i) Y^1 and Y^3 are C(L), and Y^2 and Y^4 are CH; and
- 5 j) Y^1 and Y^4 are CH, and Y^2 and Y^3 are C(L);

R¹ is methyl, ethyl, n-propyl, isopropyl, n-butyl, isobutyl, neopentyl, thiazolylethyl methylamino, dimethylamino, pyrrolidinyl, pyridyl, or 1-acetylamino-1-methylethyl;

A is phenyl;

B is ethylene or propylene;

10 W is NH, N-CH₃ or O;

 R^2 is H;

15

Z is phenyl, pyrazolyl, thiazolyl, thiadiazolyl, thienyl, naphthyl or benzothienyl, said phenyl, pyrazolyl, thiazolyl, thiadiazolyl and thienyl being optionally substituted with one to three substituents independently selected from chloro, bromo, methyl, acetylamino, pivaloylamino, nitro and phenyl; and

L is chloro, methyl, trifuluoromethyl, hydroxy, methoxy, cyano, acetyl, $-C(=O)NH_2$, trifuluoromethyloxy, methanesulfonyl, or 1-hydroxy-1-methyl-ethyl, or two adjacent L groups are joined together to form a methylenedioxy group.

- 10. A compound according to Claim 1 selected from
- 3-(4-{2-[({[(5-chloro-1,3-dimethyl-1h-pyrazol-4-yl)sulfonyl]amino}carbonyl)amino]et hyl}phenyl)-2-ethyl-5,7-dimethyl-3*H*-imidazo[4,5-*b*]pyridine;
 - $3-(4-\{2-[(\{[(2,4-dimethyl-1,3-thiazol-5-yl)sulfonyl]amino\}carbonyl)amino]ethyl\}phen yl)-2-ethyl-5,7-dimethyl-3$ *H*-imidazo[4,5-*b*]pyridine;
 - N-[5-($\{[(\{2-[4-(2-ethyl-5,7-dimethyl-3H-imidazo[4,5-b]pyridin-3-yl)phenyl]ethyl\}$ ami
- 25 no)carbonyl]amino}sulfonyl)-1,3,4-thiadiazol-2-yl]acetamide;
 - 6-ethyl-5- $(4-{2-[({[(4-methylphenyl)sulfonyl]amino}carbonyl)amino]ethyl}phenyl)-5$ <math>H-[1,3]dioxolo[4,5-f]benzimidazole;
 - 6-chloro-5-cyano-2-ethyl-1-(4-{2-[({[(4-methylphenylsulfonyl]amino}carbonyl)amino] ethyl}phenyl)-1*H*-benzimidazole;
- 30 2-ethyl-5,7-dimethyl-3-(4-{2-[methyl({[(4-methylphenyl)sulfonyl]amino}carbonyl)ami

- no]ethyl}phenyl)-3*H*-imidazo[4,5-*b*]pyridine;
- 2-ethyl-5,7-dimethyl-3-(4-{2-[({[(4-methylphenyl)sulfonyl]amino}carbonyl)amino]propyl}phenyl)-3*H*-imidazo[4,5-*b*]pyridine;
- 2-[4-(2-ethyl-5,7-dimethyl-3H-imidazo[4,5-b]pyridin-3-yl)phenyl]-1-methylethyl (4-max) + (4-max)(4
- 5 ethylphenyl)sulfonylcarbamate;
 - 5,7-dimethyl-3-(4-{2-[({[(4-methylphenyl)sulfonyl]amino}carbonyl)amino]ethyl}phen yl)-2-propyl-3*H*-imidazo[4,5-*b*]pyridine;
 - 2-isopropyl-5,7-dimethyl-3-(4-{2-[({[(4-methylphenyl)sulfonyl]amino}carbonyl)amino}ethyl}phenyl)-3*H*-imidazo[4,5-*b*]pyridine;
- 2-butyl-5,7-dimethyl-3-(4-{2-[({[(4-methylphenyl)sulfonyl]amino}carbonyl)amino]eth yl}phenyl)-3*H*-imidazo[4,5-*b*]pyridine;
 - 2-isobutyl-5,7-dimethyl-3-(4-{2-[({[(4-methylphenyl)sulfonyl]amino}carbonyl)amino] ethyl}phenyl)-3*H*-imidazo[4,5-*b*]pyridine;
 - 5,7-dimethyl-3-(4-{2-[({[(4-methylphenyl)sulfonyl]amino}carbonyl)amino]ethyl}phen
- 15 yl)-2-neopentyl-3H-imidazo[4,5-b]pyridine;
 - 5,7-dimethyl-3-(4- $\{2$ - $[(\{[(4$ -methylphenyl)sulfonyl]amino}carbonyl)amino]ethyl $\}$ phen yl)-2-[2-(1,3-thiazol-2-yl)ethyl]-3H-imidazo[4,5-b]pyridine;
 - 3-{4-[2-({[(4-biphenylsulfonyl)amino]carbonyl}amino)ethyl]phenyl}-2-ethyl-5,7-dimet hyl-3*H*-imidazo[4,5-*b*]pyridine;
- 20 2-ethyl-5,7-dimethyl-3-{4-[2-({[(1-naphthylsulfonyl)amino]carbonyl}amino)ethyl]phen yl}-3*H*-imidazo[4,5-*b*]pyridine;
 - 2-ethyl-5,7-dimethyl-3- $\{4-[2-(\{[(2-naphthylsulfonyl)amino]carbonyl\}amino)ethyl]phen yl}-3$ *H*-imidazo[4,5-*b*]pyridine;
 - $2-ethyl-5, 7-dimethyl-3-(4-\{2-[(\{[(2-thienyl)sulfonyl]amino\}carbonyl)amino]ethyl\}phe$
- 25 nyl)-3H-imidazo[4,5-b]pyridine;
 - 3-(4-{2-[({[(5-chloro-2-thienyl)sulfonyl]amino}carbonyl)amino]ethyl}phenyl)-2-ethyl-5,7-dimethyl-3*H*-imidazo[4,5-*b*]pyridine;
 - $3-(4-\{2-[(\{[(4,5-dichloro-2-thienyl)sulfonyl]amino\}carbonyl)amino]ethyl\}phenyl)-2-et hyl-5,7-dimethyl-3$ *H*-imidazo[4,5-*b*]pyridine;
- 30 3-{4-[2-({[(1-benzothien-2-ylsulfonyl)amino]carbonyl}amino)ethyl]phenyl}-2-ethyl-5, 7-dimethyl-3H-imidazo[4,5-b]pyridine;

- 3-(4-{2-[({[(2-chlorophenyl)sulfonyl]amino}carbonyl)amino]ethyl}phenyl)-2-ethyl-5, 7-dimethyl-3*H*-imidazo[4,5-*b*]pyridine;
- 2-ethyl-5,6-dimethyl-3-(4-{2-[({[(4-methylphenyl)sulfonyl]amino}carbonyl)amino]ethyl}phenyl)-3H-imidazo[4,5-b]pyridine;
- 5 5,6-dichloro-2-ethyl-3-(4-{2-[({[(4-methylphenyl)sulfonyl]amino}carbonyl)amino]ethy l}phenyl)-3H-imidazo[4,5-b]pyridine;
 - 5-chloro-2-ethyl-7-methyl-3- $(4-{2-[({[(4-methylphenyl)sulfonyl]amino}carbonyl)amin o]ethyl}phenyl)-3$ *H*-imidazo[4,5-*b*]pyridine;
 - 6-cyano-2-ethyl-5,7-dimethyl-3-(4-{2-[({[(4-methylphenyl)sulfonyl]amino}carbonyl)a mino]ethyl}phenyl)-3*H*-imidazo[4,5-*b*]pyridine;
 - 2-ethyl-4,6-dimethyl-1-(4-{2-[({[(4-methylphenyl)sulfonyl]amino}carbonyl)amino]eth yl}phenyl)-1*H*-imidazo[4,5-*c*]pyridine;
 - 4-methyl-2-ethyl-3-(4-{2-[({[(4-methylphenyl)sulfonyl]amino}carbonyl)amino]ethyl}p henyl)benzimidazole;
- 7-chloro-2-ethyl-3-(4-{2-[({[(4-methylphenyl)sulfonyl]amino}carbonyl)amino]ethyl}p henyl)benzimidazole;
 - 5-methoxy-2-ethyl-3-(4-{2-[({[(4-methylphenyl)sulfonyl]amino}carbonyl)amino]ethyl}phenyl)benzimidazole;
 - 5-acetyl-2-ethyl-3-(4-{2-[({[(4-methylphenyl)sulfonyl]amino}carbonyl)amino]ethyl}ph enyl)benzimidazole;
 - 5-cyano-2-ethyl-1-(4- $\{2-[(\{[(4-methylphenyl)sulfonyl]amino\}carbonyl)amino]ethyl\}ph enyl)-1$ *H*-benzimidazole;
 - 2-ethyl-5-hydroxy-1-(4-{2-[({[(4-methylphenyl)sulfonyl]amino}carbonyl)amino]ethyl} phenyl)-1*H*-benzimidazole;
- 25 2-ethyl-4,5-dimethyl-1-(4-{2-[({[(4-methylphenyl)sulfonyl]amino}carbonyl)amino]eth yl}phenyl)-1*H*-benzimidazole;
 - $4,6-dimethyl-2-ethyl-3-(4-\{2-[(\{[(4-methylphenyl)sulfonyl]amino\}carbonyl)amino]ethyl) benzimidazole;$
 - 5,6-dimethyl-1-(4-{2-[({[(4-methylphenyl)sulfonyl]amino}carbonyl)amino]ethyl}phen
- 30 yl)-1H-benzimidazole;

10

20

 $5, 6-dichloro-2-ethyl-1-(4-\{2-[(\{[(4-methylphenyl)sulfonyl]amino\}carbonyl)amino]ethyllogical amino a$

1}phenyl)-1*H*-benzimidazole;

5

- 2-[4-(5,6-dichloro-2-ethyl-1*H*-benzimidazol-1-yl)phenyl]ethyl-(4-methylphenyl)sulfon ylcarbamate;
- 6-chloro-5-trifluoromethyl-1-(4-{2-[({[(4-methylphenyl)sulfonyl]amino}carbonyl)amin o]ethyl}phenyl)-1*H*-benzimidazole;
- 4-(6-chloro-2-ethyl-5-trifluoromethyl-1*H*-benzimidazol-1-yl)phenethyl-(4-methylphenyl)sulfonylcarbamate;
 - 5-chloro-6-methyl-1-(4-{2-[({[(4-methylphenyl)sulfonyl]amino}carbonyl)amino]ethyl} phenyl)-1*H*-benzimidazole;
- 6-chloro-2-ethyl-1-(4-{2-[({[(4-methylphenyl)sulfonyl]amino}carbonyl)amino]ethyl}p henyl)-1*H*-benzimidazole-5-carboxamide;
 - 2-ethyl-3- $\{4-[2-(\{[(\{3-[hydroxy(oxido)amino]phenyl\}sulfonyl)amino]carbonyl\}amino)$ ethyl]phenyl $\}$ -5,7-dimethyl-3H-imidazo[4,5-b]pyridine;
 - 3-(4-{2-[({[(4-chlorophenyl)sulfonyl]amino}carbonyl)amino]ethyl}phenyl)-2-ethyl-5,
- 15 7-dimethyl-3*H*-imidazo[4,5-*b*]pyridine;
 - $n-[4-(\{[(\{2-[4-(2-ethyl-5,7-dimethyl-3$ *H*-imidazo[4,5-*b* $]pyridin-3-yl)phenyl]ethyl\}amin o)carbonyl]amino}sulfonyl)phenyl]-2,2-dimethylpropanamide;$
 - 3-(4-{2-[({[(2-chlorophenyl)sulfonyl]amino}carbonyl)amino]ethyl}phenyl)-2-ethyl-5, 7-dimethyl-3*H*-imidazo[4,5-*b*]pyridine;
- 3-(4-{2-[({[(3-chlorophenyl)sulfonyl]amino}carbonyl)amino]ethyl}phenyl)-2-ethyl-5, 7-dimethyl-3*H*-imidazo[4,5-*b*]pyridine;
 - 3-(4-{2-[({[(5-chloro-2-thienyl)sulfonyl]amino}carbonyl)amino]ethyl}phenyl)-2-ethyl-5,7-dimethyl-3*H*-imidazo[4,5-*b*]pyridine;
- 25 5,7-dimethyl-3*H*-imidazo[4,5-*b*]pyridine;
 - 3-(4-{2-[({[(2-bromophenyl)sulfonyl]amino}carbonyl)amino]ethyl}phenyl)-2-ethyl-5, 7-dimethyl-3*H*-imidazo[4,5-*b*]pyridine;
 - 3-{4-[2-({[({4-chloro-3-nitrophenyl}sulfonyl)amino]carbonyl}amino)ethyl]phenyl}-2-ethyl-5,7-dimethyl-3*H*-imidazo[4,5-*b*]pyridine;
- 30 2-[4-(2-ethyl-4,6-dimethyl-1*H*-imidazo[4,5-*c*]pyridin-1-yl)phenyl]ethyl (4-methylphenyl)sulfonylcarbamate;

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2-{4-[5,7-dimethyl-2-(methylamino)-3H-imidazo[4,5-b]pyridin-3-yl]phenyl}ethyl (4-
     methylphenyl)sulfonylcarbamate;
     N-\{[(2-\{4-[5,7-dimethyl-2-(methylamino)-3H-imidazo[4,5-b]pyridin-3-
     yl]phenyl}ethyl)amino]carbonyl}-4-methylbenzenesulfonamide;
5
     N-\{[(2-\{4-[2-ethyl-5-(1-hydroxy-1-methylethyl)-1H-benzimidazol-1-hydroxy-1-methylethyl)-1H-benzimidazol-1-hydroxy-1-methylethyl)
     yl]phenyl}ethyl)amino]carbonyl}-4-methylbenzenesulfonamide;
     2-ethyl-4,6-dimethyl-1-(4-{2-[({[(4-
     methylphenyl)sulfonyl]amino}carbonyl)amino]ethyl}phenyl)-1H-benzimidazole-5-
     carboxamide;
10
     2-{4-[6-chloro-2-ethyl-5-(trifluoromethyl)-1H-benzimidazol-1-yl]phenyl}ethyl
                                                                                          (2-
      chlorophenyl)sulfonylcarbamate;
     2-{5-[6-chloro-2-ethyl-5-(trifluoromethyl)-1H-benzimidazol-1-yl]-2-pyridinyl}ethyl (4-
      methylphenyl)sulfonylcarbamate;
      2-{4-[6-chloro-2-ethyl-5-(trifluoromethyl)-1H-benzimidazol-1-yl]phenyl}ethyl
                                                                                          (5-
15
     methyl-2-pyridinyl)sulfonylcarbamate;
      2-{4-[6-chloro-2-(1H-pyrazol-3-yl)-5-(trifluoromethyl)-1H-benzimidazol-1-
      yl]phenyl}ethyl (4-methylphenyl)sulfonylcarbamate;
      2-{4-[6-chloro-2-(4-pyridinyl)-5-(trifluoromethyl)-1H-benzimidazol-1-yl]phenyl}ethyl
      (4-methylphenyl)sulfonylcarbamate;
20
      2-{4-[5-(aminocarbonyl)-6-chloro-2-ethyl-1H-benzimidazol-1-yl]phenyl}ethyl
                                                                                          (4-
      methylphenyl)sulfonylcarbamate;
      N-\{[(2-\{4-[6-chloro-2-ethyl-5-(methylsulfonyl)-1H-benzimidazol-1-
      yl]phenyl}ethyl)amino]carbonyl}-4-methylbenzenesulfonamide;
     2-\{4-[6-chloro-2-ethyl-5-(methylsulfonyl)-1 \\ H-benzimidazol-1-yl] phenyl\}ethyl
                                                                                          (4-
25
      methylphenyl)sulfonylcarbamate;
      N-[({2-[4-(2-ethyl-5,7-dimethyl-3H-imidazo[4,5-b]pyridin-3-}
      yl)phenyl]ethyl}amino)carbonyl]-2-thiophenesulfonamide;
                                                                                          (4-
      2-[4-(4,6-dimethyl-2-phenyl-1H-imidazo[4,5-c]pyridin-1-yl)phenyl]ethyl
      methylphenyl)sulfonylcarbamate;
      2-[4-(2-butyl-4,6-dimethyl-1H-imidazo[4,5-c]pyridin-1-yl)phenyl]ethyl
30
                                                                                          (4-
      methylphenyl)sulfonylcarbamate;
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- $2-\{4-[4,6-dimethyl-2-(3-phenylpropyl)-1H-imidazo[4,5-c]pyridin-1-yl]phenyl\}ethyl (4-methylphenyl)sulfonylcarbamate;$
- 5 2-{4-[6-chloro-2-(2-pyridinyl)-5-(trifluoromethyl)-1*H*-benzimidazol-1-yl]phenyl}ethyl (4-methylphenyl)sulfonylcarbamate;
 - (1S)-2- $\{4$ -[6-chloro-2-ethyl-5-(trifluoromethyl)-1H-benzimidazol-1-yl]phenyl $\}$ -1-methylethyl (4-methylphenyl)sulfonylcarbamate;
 - 2-{6-[6-chloro-2-ethyl-5-(trifluoromethyl)-1*H*-benzimidazol-1-yl]-3-pyridinyl}ethyl (4-methylphenyl)sulfonylcarbamate;

10

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- $N-\{[(2-\{4-[6-chloro-2-(1-hydroxy-1-methylethyl)-5-(trifluoromethyl)-1H-benzimidazol-1-yl]phenyl\}ethyl)amino]carbonyl\}-4-methylbenzenesulfonamide; and <math display="block">N-\{[(2-\{4-[5,7-dimethyl-2-(1H-pyrazol-3-yl)-3H-imidazo[4,5-b]pyridin-3-yl]phenyl\}ethyl)amino]carbonyl\}-4-methylbenzenesulfonamide;$
- $2-\{4-[2-(1,1-\text{dimethylethyl})-4,6-\text{dimethyl-}1H-\text{imidazo}[4,5-c] \text{pyridin-}1-\text{yl}] \text{phenyl}\} \text{ ethyl}\\ (4-\text{methylphenyl}) \text{sulfonylcarbamate};$
 - 2-{4-[2-[1-(acetylamino)-1-methylethyl]-6-chloro-5-(trifluoromethyl)-1*H*-benzimidazol-1-yl]phenyl}ethyl (4-methylphenyl)sulfonylcarbamate; 6-chloro-2-ethyl-1-(4-{2-[methyl({[(4-
- 20 methylphenyl)sulfonyl]amino}carbonyl)amino]ethyl}phenyl)-1*H*-benzimidazole-5-carboxamide; and salts thereof.
 - 11. A compound according to Claim 1 selected from 6-ethyl-5- (4-{2-[({[(4-methylphenyl)sulfonyl]amino}carbonyl)amino]ethyl}phenyl)-5 H-[1,3]dioxolo[4,5-f]benzimidazole;
- 6-chloro-5-cyano-2-ethyl-1-(4-{2-[({[(4-methylphenylsulfonyl]amino}carbonyl)amino] ethyl}phenyl)-1*H*-benzimidazole;
 - 2-[4-(2-ethyl-5,7-dimethyl-3H-imidazo[4,5-b]pyridin-3-yl)phenyl]-1-methylethyl (4-methylphenyl)sulfonylcarbamate;
- 5,7-dimethyl-3-(4-{2-[({[(4-methylphenyl)sulfonyl]amino}carbonyl)amino]ethyl}phen yl)-2-[2-(1,3-thiazol-2-yl)ethyl]-3*H*-imidazo[4,5-*b*]pyridine;

- 2-ethyl-5,7-dimethyl-3- $(4-{2-[({[(2-thienyl)sulfonyl]amino}carbonyl)amino}ethyl}phe nyl)-3$ *H*-imidazo[4,5-*b*]pyridine;
- 3-(4-{2-[({[(2-chlorophenyl)sulfonyl]amino}carbonyl)amino]ethyl}phenyl)-2-ethyl-5,7-dimethyl-3*H*-imidazo[4,5-*b*]pyridine;
- 5 2-ethyl-5,6-dimethyl-3-(4-{2-[({[(4-methylphenyl)sulfonyl]amino}carbonyl)amino]eth yl}phenyl)-3H-imidazo[4,5-b]pyridine;
 - 5,6-dichloro-2-ethyl-3-(4-{2-[({[(4-methylphenyl)sulfonyl]amino}carbonyl)amino]ethyllphenyl)-3H-imidazo[4,5-b]pyridine;
 - $2-ethyl-4, 6-dimethyl-1-(4-\{2-[(\{[(4-methylphenyl)sulfonyl]amino\}carbonyl)amino]ethyl-1-(4-\{2-[(\{[(4-methylphenyl)sulfonyl]amino\}carbonyl)amino]ethyl-1-(4-\{2-[(\{[(4-methylphenyl)sulfonyl]amino\}carbonyl)amino]ethyl-1-(4-\{2-[(\{[(4-methylphenyl)sulfonyl]amino\}carbonyl)amino]ethyl-1-(4-\{2-[(\{[(4-methylphenyl)sulfonyl]amino\}carbonyl)amino]ethyl-1-(4-\{2-[(\{[(4-methylphenyl)sulfonyl]amino\}carbonyl)amino]ethyl-1-(4-\{2-[(\{[(4-methylphenyl)sulfonyl]amino\}carbonyl)amino]ethyl-1-(4-\{2-[(\{[(4-methylphenyl)sulfonyl]amino\}carbonyl)amino]ethyl-1-(4-\{2-[(\{[(4-methylphenyl)sulfonyl]amino\}carbonyl)amino]ethyl-1-(4-\{2-[(\{[(4-methylphenyl)sulfonyl]amino]amino]ethyl-1-(4-\{2-[(\{[(4-methylphenyl)sulfonyl]amino]amino]ethyl-1-(4-\{2-[(\{[(4-methylphenyl)sulfonyl]amino]amino]amino]ethyl-1-(4-\{2-[(\{[(4-methylphenyl)sulfonyl]amino]amino]amino]amino]ethyl-1-(4-\{2-[(\{[(4-methylphenyl]amino]amino]amino]amino]amino]amino]amino[amino]amin$
- 10 yl}phenyl)-1H-imidazo[4,5-c]pyridine;
 - 5-methoxy-2-ethyl-3-(4-{2-[({[(4-methylphenyl)sulfonyl]amino}carbonyl)amino]ethyl}phenyl)benzimidazole;
 - 5-acetyl-2-ethyl-3-(4-{2-[({[(4-methylphenyl)sulfonyl]amino}carbonyl)amino]ethyl}ph enyl)benzimidazole;
- 5-cyano-2-ethyl-1-(4-{2-[({[(4-methylphenyl)sulfonyl]amino}carbonyl)amino]ethyl}ph enyl)-1*H*-benzimidazole;
 - 2-ethyl-5-hydroxy-1-(4-{2-[({[(4-methylphenyl)sulfonyl]amino}carbonyl)amino]ethyl} phenyl)-1*H*-benzimidazole;
- 2-ethyl-4,5-dimethyl-1-(4-{2-[({[(4-methylphenyl)sulfonyl]amino}carbonyl)amino]eth yl}phenyl)-1*H*-benzimidazole;
 - 4-(6-chloro-2-ethyl-5-trifluoromethyl-1H-benzimidazol-1-yl) phenethyl-(4-methylphenyl) l)sulfonylcarbamate; and
 - 6-chloro-2-ethyl-1-(4- $\{2-[(\{[(4-methylphenyl)sulfonyl]amino\}carbonyl)amino]ethyl\}p$ henyl)-1*H*-benzimidazole-5-carboxamide;
- 25 2-[4-(2-ethyl-4,6-dimethyl-1*H*-imidazo[4,5-*c*]pyridin-1-yl)phenyl]ethyl methylphenyl)sulfonylcarbamate; (4-
 - $2-\{4-[5,7-dimethyl-2-(methylamino)-3H-imidazo[4,5-b]pyridin-3-yl]phenyl\}ethyl$ (4-methylphenyl)sulfonylcarbamate;
 - N-{[(2-{4-[5,7-dimethyl-2-(methylamino)-3H-imidazo[4,5-b]pyridin-3-
- yl]phenyl}ethyl)amino]carbonyl}-4-methylbenzenesulfonamide;N-{[(2-{4-[2-ethyl-5-(1-hydroxy-1-methylethyl)-1*H*-benzimidazol-1-

yl]phenyl}ethyl)amino]carbonyl}-4-methylbenzenesulfonamide;

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2-ethyl-4,6-dimethyl-1-(4-{2-[({[(4-
     methylphenyl)sulfonyl]amino carbonyl)amino ethyl phenyl)-1H-benzimidazole-5-
     carboxamide;
     2-{4-[6-chloro-2-ethyl-5-(trifluoromethyl)-1H-benzimidazol-1-yl]phenyl}ethyl
 5
                                                                                       (2-
     chlorophenyl)sulfonylcarbamate;
     2-{5-[6-chloro-2-ethyl-5-(trifluoromethyl)-1H-benzimidazol-1-yl]-2-pyridinyl}ethyl (4-
     methylphenyl)sulfonylcarbamate;
     2-{4-[6-chloro-2-ethyl-5-(trifluoromethyl)-1H-benzimidazol-1-yl]phenyl}ethyl
                                                                                       (5-
10
     methyl-2-pyridinyl)sulfonylcarbamate;
     2-{4-[6-chloro-2-(1H-pyrazol-3-yl)-5-(trifluoromethyl)-1H-benzimidazol-1-
     yl]phenyl}ethyl (4-methylphenyl)sulfonylcarbamate;
     2-{4-[6-chloro-2-(4-pyridinyl)-5-(trifluoromethyl)-1H-benzimidazol-1-yl]phenyl}ethyl
     (4-methylphenyl)sulfonylcarbamate;
15
     2-{4-[5-(aminocarbonyl)-6-chloro-2-ethyl-1H-benzimidazol-1-yl]phenyl}ethyl
                                                                                       (4-
     methylphenyl)sulfonylcarbamate;
     N-{[(2-{4-[6-chloro-2-ethyl-5-(methylsulfonyl)-1H-benzimidazol-1-
     yl]phenyl}ethyl)amino]carbonyl}-4-methylbenzenesulfonamide;
     2-{4-[6-chloro-2-ethyl-5-(methylsulfonyl)-1H-benzimidazol-1-yl]phenyl}ethyl
                                                                                       (4-
20
     methylphenyl)sulfonylcarbamate;
     N-[({2-[4-(2-ethyl-5,7-dimethyl-3}H-imidazo[4,5-b]pyridin-3-
      yl)phenyl]ethyl}amino)carbonyl]-2-thiophenesulfonamide;
     2-[4-(4,6-dimethyl-2-phenyl-1H-imidazo[4,5-c]pyridin-1-yl)phenyl]ethyl
                                                                                       (4-
     methylphenyl)sulfonylcarbamate;
25
     2-[4-(2-butyl-4,6-dimethyl-1H-imidazo[4,5-c]pyridin-1-yl)phenyl]ethyl
                                                                                       (4-
     methylphenyl)sulfonylcarbamate;
      2-{4-[6-chloro-2-ethyl-5-(trifluoromethyl)-1H-benzimidazol-1-yl]phenyl}ethyl
                                                                                       (5-
     chloro-1,3-dimethyl-1H-pyrazol-4-yl)sulfonylcarbamate;
      2-{4-[4,6-dimethyl-2-(3-phenylpropyl)-1H-imidazo[4,5-c]pyridin-1-yl]phenyl}ethyl (4-
     methylphenyl)sulfonylcarbamate;
30
     2-{4-[6-chloro-2-(2-pyridinyl)-5-(trifluoromethyl)-1H-benzimidazol-1-yl]phenyl}ethyl
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(4-methylphenyl)sulfonylcarbamate;

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- (1*S*)-2-{4-[6-chloro-2-ethyl-5-(trifluoromethyl)-1*H*-benzimidazol-1-yl]phenyl}-1-methylethyl (4-methylphenyl)sulfonylcarbamate;
- 2-{6-[6-chloro-2-ethyl-5-(trifluoromethyl)-1*H*-benzimidazol-1-yl]-3-pyridinyl}ethyl (4-methylphenyl)sulfonylcarbamate;
 - N-{[(2-{4-[6-chloro-2-(1-hydroxy-1-methylethyl)-5-(trifluoromethyl)-1H-benzimidazol-1-yl]phenyl}ethyl)amino]carbonyl}-4-methylbenzenesulfonamide; and N-{[(2-{4-[5,7-dimethyl-2-(1H-pyrazol-3-yl)-3H-imidazo[4,5-b]pyridin-3-yl]phenyl}et hyl)amino]carbonyl}-4-methylbenzenesulfonamide;
- 10 $2-\{4-[2-(1,1-dimethylethyl)-4,6-dimethyl-1H-imidazo[4,5-c]pyridin-1-yl]phenyl\}ethyl$ (4-methylphenyl)sulfonylcarbamate;
 - 2-{4-[2-[1-(acetylamino)-1-methylethyl]-6-chloro-5-(trifluoromethyl)-1*H*-benzimidazol-1-yl]phenyl}ethyl (4-methylphenyl)sulfonylcarbamate;
- 6-chloro-2-ethyl-1-(4-{2-[methyl({[(4-methylphenyl)sulfonyl]amino}carbonyl)amino]e thyl}phenyl)-1*H*-benzimidazole-5-carboxamide; and salts thereof.
 - 12. A pharmaceutical composition for the treatment of a disorder or condition mediated by prostaglandin in a mammal including a human, which comprises an effective amount of a compound of Claim 1, or a pharmaceutically acceptable salt thereof, and a pharmaceutically acceptable carrier.
 - 13. A method for the treatment of a medical condition in which prostaglandins are implicated as pathogens, in a mammalian subject including a human, comprising administering to a mammal in need of such treatment an effective amount of a compound of Claim 1 and a pharmaceutically acceptable carrier.
- 25 14. A pharmaceutical formulation comprising a compound of Claim 1, a pharmaceutically acceptable carrier and, optionally, one or more other pharmacologically active ingredients.
 - 15. A compound of the following formula:

or salts thereof

wherein Y^1 , Y^2 , Y^3 and Y^4 are independently selected from N, CH or C(L);

R¹ is H, C₁₋₈ alkyl, C₂₋₈ alkenyl, C₂₋₈ alkynyl, C₃₋₇ cycloalkyl, C₁₋₈ alkoxy, halosubstituted C₁₋₈ alkoxy, C₁₋₈ alkyl-S(O)m-, Q¹-, amino, mono- or di-(C₁₋₈ alkyl)amino, C₁₋₄alkyl-C(=O)-N(R³)- or C₁₋₄alkyl-S(O)m-N(R³)-, wherein said C₁₋₈ alkyl, C₂₋₈ alkenyl and C₂₋₈ alkynyl are optionally substituted with halo, C₁₋₃ alkyl, C₁₋₄ alkoxy-, C₁₋₄ alkyl-S(O)m-, C₃₋₇ cycloalkyl-, cyano, indanyl, 1,2,3,4-tetrahydronaphtyl, 1,2-dihydronaphtyl, Q¹-, Q¹-C(=O)-, Q¹-O-, Q¹-S(O)m-, Q¹-C₁₋₄alkyl-O-, Q¹-C₁₋₄alkyl-S(O)m-, Q¹-C₁₋₄alkyl-C(O)-N(R³)-, Q¹-C₁₋₄alkyl-N(R³)- or C₁₋₄alkyl-C(O)-N(R³)-;

Q¹ is a 5-12 membered monocyclic or bicyclic aromatic ring optionally containing up to 4 heteroatoms selected from O, N and S, and is optionally substituted with halo, C₁
4 alkyl, halo-substituted C₁₋₄ alkyl, hydroxy, C₁₋₄ alkoxy, halo-substituted C₁₋₄ alkoxy, C₁₋₄ alkylthio, nitro, amino, mono- or di-(C₁₋₄alkyl)amino, cyano, HO-C₁₋₄ alkyl, C₁₋₄ alkoxy-C₁₋₄alkyl, C₁₋₄ alkylsulfonyl, aminosulfonyl, C₁₋₄alkylC(=O)-, HO(O=)C-, C₁₋₄alkyl-O(O=)C-, R³N(R⁴)C(=O)-, C₁₋₄ alkylsulfonylamino, C₃₋₇ cycloalkyl, R³C(=O)N(R⁴)- or NH₂(HN=)C-;

A is a benzene ring optionally substituted with up to 3 substituents or pyridine ring optionally substituted with up to 3 substituents, wherein said substituents selected from halo, C₁₋₄ alkyl, halo-substituted C₁₋₄ alkyl, hydroxy, C₁₋₄ alkoxy, halo-substituted C₁₋₄ alkoxy, C₁₋₄ alkylthio, nitro, amino, mono- or di-(C₁₋₄ alkyl)amino, cyano, HO-C₁₋₄ alkyl, C₁₋₄ alkoxy-C₁₋₄ alkyl, C₁₋₄ alkylsulfonyl, aminosulfonyl, acetyl,

 $R^3N(R^4)C(=O)$ -, HO(O=)C-, C_{1-4} alkyl-O(O=)C-, C_{1-4} alkylsulfonylamino, C_{3-7} cycloalkyl, $R^3C(=O)N(R^4)$ - and $NH_2(HN=)C$ -;

B is C_{2-6} alkylene, C_{3-7} cycloalkylene, C_{2-6} alkenylene, or C_{2-6} alkynylene optionally substituted with C_{1-3} alkyl;

5 W is NH or O;

P is H, a protecting group, or Q^3 -OC(=O)-;

 Q^3 is a 6-10 membered monocyclic or bicyclic aromatic ring optionally substituted with halo, C_{1-4} alkyl, C_{1-4} alkoxy, C_{1-4} alkylthio, nitro, cyano, C_{1-4} alkylsulfonyl, C_{1-4} alkylC(=O)-, HO(O=)C-, or C_{1-4} alkyl-O(O=)C-;

L is halo, C₁₋₄ alkyl, halo-substituted C₁₋₄ alkyl, hydroxy, C₁₋₄ alkoxy, halo-substituted C₁₋₄ alkoxy, C₁₋₄ alkylthio, nitro, amino, mono- or di-(C₁₋₄ alkyl)amino, cyano, HO-C₁₋₄ alkyl, C₁₋₄ alkoxy-C₁₋₄alkyl, C₁₋₄ alkylsulfonyl, aminosulfonyl, C₁₋₄ alkylC(=O)-, HO(O=)C-, C₁₋₄alkyl-O(O=)C-, C₁₋₄ alkylsulfonylamino, C₃₋₇ cycloalkyl, R³C(=O)N(R⁴)-, NH₂(HN=)C-, R³N(R⁴)C(=O)- or R³N(R⁴)S(O)m-, or two adjacent L groups are optionally joined together to form an alkylene chain having 3 or 4 members in which one or two (non-adjacent) carbon atoms are optionally replaced by oxygen atoms;

m is 0, 1 or 2; and

20

 $\ensuremath{\mbox{R}}^3$ and $\ensuremath{\mbox{R}}^4$ are independently selected from H and $\ensuremath{\mbox{C}}_{1\mbox{-}4}$ alkyl.

16. A compound of the following formula:

or salts thereof

wherein Y¹, Y², Y³ and Y⁴ are independently selected from N, CH or C(L);

25 R^1 is H, C_{1-8} alkyl, C_{2-8} alkenyl, C_{2-8} alkynyl, C_{3-7} cycloalkyl, C_{1-8} alkoxy, halo-

substituted C_{1-8} alkoxy, C_{1-8} alkyl-S(O)m-, Q^1 -, amino, mono- or di-(C_{1-8} alkyl)amino, C_{1-4} alkyl-C(=O)-N(R³)- or C_{1-4} alkyl-S(O)m-N(R³)-, wherein said C_{1-8} alkyl, C_{2-8} alkenyl and C_{2-8} alkynyl are optionally substituted with halo, C_{1-3} alkyl, C_{1-4} alkoxy-, C_{1-4} alkyl-S(O)m-, C_{3-7} cycloalkyl-, cyano, indanyl, 1,2,3,4-tetrahydronaphtyl, 1,2-dihydronaphtyl, Q^1 -, Q^1 -C(=O)-, Q^1 -O-, Q^1 -S(O)m-, Q^1 -C₁₋₄alkyl-O-, Q^1 -C₁₋₄alkyl-S(O)m-, Q^1 -C₁₋₄alkyl-C(O)-N(R³)-, Q^1 -C₁₋₄alkyl-N(R³)- or C_{1-4} alkyl-C(O)-N(R³)-;

Q¹ is a 5-12 membered monocyclic or bicyclic aromatic ring optionally containing up to 4 heteroatoms selected from O, N and S, and is optionally substituted with halo, C₁-10 4 alkyl, halo-substituted C₁₋₄ alkyl, hydroxy, C₁₋₄ alkoxy, halo-substituted C₁₋₄ alkoxy, C₁₋₄ alkylthio, nitro, amino, mono- or di-(C₁₋₄alkyl)amino, cyano, HO-C₁₋₄ alkyl, C₁₋₄ alkoxy-C₁₋₄alkyl, C₁₋₄ alkylsulfonyl, aminosulfonyl, C₁₋₄alkylC(=O)-, HO(O=)C-, C₁₋₄alkyl-O(O=)C-, R³N(R⁴)C(=O)-, C₁₋₄ alkylsulfonylamino, C₃₋₇ cycloalkyl, R³C(=O)N(R⁴)- or NH₂(HN=)C-;

- A is a benzene ring optionally substituted with up to 3 substituents or pyridine ring optionally substituted with up to 3 substituents, wherein said substituents selected from halo, C₁₋₄ alkyl, halo-substituted C₁₋₄ alkyl, hydroxy, C₁₋₄ alkoxy, halo-substituted C₁₋₄ alkoxy, C₁₋₄ alkylthio, nitro, amino, mono- or di-(C₁₋₄ alkyl)amino, cyano, HO-C₁₋₄ alkyl, C₁₋₄ alkoxy-C₁₋₄ alkyl, C₁₋₄ alkylsulfonyl, aminosulfonyl, acetyl, R³N(R⁴)C(=0)- HO(0=)C- C₁₋₄ alkyl-O(0=)C- C₁₋₄ alkylsulfonylamino, C₂₋₇
- 20 $R^3N(R^4)C(=O)$ -, HO(O=)C-, C_{1-4} alkyl-O(O=)C-, C_{1-4} alkylsulfonylamino, C_{3-7} cycloalkyl, $R^3C(=O)N(R^4)$ and $NH_2(HN=)C$ -;
 - B is C_{2-6} alkylene, C_{3-7} cycloalkylene, C_{2-6} alkenylene, or C_{2-6} alkynylene optionally substituted with C_{1-3} alkyl;

W is NH or O;

5

P is H, a protecting group, or Z-S(O)₂-N(R²)-C(=O)-;
Z is a 5-12 membered monocyclic or bicyclic aromatic ring optionally containing up to 3 heteroatoms selected from O, N and S, wherein said 5-12 membered monocyclic or

bicyclic aromatic ring is optionally substituted with halo, C₁₋₄ alkyl, halo-substituted C₁₋₄ alkyl, C₁₋₄ alkenyl, C₁₋₄ alkynyl, hydroxy, C₁₋₄ alkoxy, halo-substituted C₁₋₄ alkoxy, C₁₋₄ alkylthio, nitro, amino, mono- or di-(C₁₋₄ alkyl)amino, cyano, HO-C₁₋₄ alkyl, C₁₋₄ alkoxy-C₁₋₄ alkyl, C₁₋₄ alkylsulfonyl, aminosulfonyl, C₁₋₄ alkylC(=O)-, R³C(=O)N(R⁴)-, HO(O=)C-, C₁₋₄ alkyl-O(O=)C-, C₁₋₄ alkylsulfonylamino, C₃₋₇ cycloalkyl, NH₂(HN=)C-, Q²-S(O)m-, Q²-O-, Q²-N(R³)- or Q²-; L is halo, C₁₋₄ alkyl, halo-substituted C₁₋₄ alkyl, hydroxy, C₁₋₄ alkoxy, halo-substituted C₁₋₄ alkyl, hydroxy, C₁₋₄ alkoxy, halo-substituted C₁₋₄ alkyl, C₁₋₄ alkylsulfonyl, aminosulfonyl, C₁₋₄ alkylC(=O)-, HO(O=)C-, C₁₋₄ alkyl-O(O=)C-, C₁₋₄ alkylsulfonylamino, C₃₋₇ cycloalkyl, R³C(=O)N(R⁴)-, NH₂(HN=)C-, R³N(R⁴)C(=O)- or R³N(R⁴)S(O)m-, or two adjacent L groups are optionally joined together to form an alkylene chain having 3 or 4 members in which one or two (non-adjacent) carbon atoms are optionally replaced

m is 0, 1 or 2; and R^2 , R^3 , and R^4 are independently selected from H and C_{1-4} alkyl.

5

10

by oxygen atoms;